

ABSTRACT OF THE DISCLOSURE

The invention provides a combination, comprising an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof, with a
5 selective inhibitor of COX-2, or a pharmaceutically acceptable salt thereof, that is not celecoxib or valdecoxib. This invention also provides a method of treating a disease that is responsive to inhibition of MMP-13 and cyclooxygenase-2, comprising administering to a patient suffering from such a disease the invention combination comprising an allosteric alkyne inhibitor of MMP-13, or a
10 pharmaceutically acceptable salt thereof, with a selective inhibitor of COX-2, or a pharmaceutically acceptable salt thereof, that is not celecoxib or valdecoxib. This invention also provides a pharmaceutical composition, comprising the invention combination comprising an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof, with a selective inhibitor of COX-2, or a
15 pharmaceutically acceptable salt thereof, that is not celecoxib or valdecoxib, and a pharmaceutically acceptable carrier, diluent, or excipient. This invention also provides a combination comprising an NSAID, or a pharmaceutically acceptable salt thereof, and an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof. This invention also provides a pharmaceutical
20 composition, comprising the invention combination comprising an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof, with an NSAID, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier, diluent, or excipient. This invention also provides a method of treating a disease that is responsive to inhibition of MMP-13 and cyclooxygenase-
25 1 or cyclooxygenase-2, comprising administering to a patient suffering from such a disease the invention combination comprising an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof, with an NSAID, or a pharmaceutically acceptable salt thereof. The invention combinations may also be further combined with other pharmaceutical agents depending on the disease
30 being treated.